

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

APPLICATION OF SOUTH KENTUCKY)	
RURAL ELECTRIC COOPERATIVE)	
CORPORATION FOR A CERTIFICATE)	CASE NO. 96-109
OF CONVENIENCE AND NECESSITY)	
TO CONSTRUCT ADDITIONAL LINES)	
AND FACILITIES)	

O R D E R

IT IS ORDERED that South Kentucky Rural Electric Cooperative Corporation ("South Kentucky") shall file the original and five copies of the following information with the Commission with a copy to all parties of record within 15 days from the date of this Order.

1. Was Milsoft Distribution Analysis used to analyze South Kentucky's distribution circuits? If yes, provide one copy on 3.5" diskettes of the following voltage drop studies based on:

- a. Existing system with recent peak loading.
- b. Existing system with projected peak loading.
- c. Proposed system with projected peak loading.

The following files should be provided on the 3.5" diskettes: db.PRI, db.RUN, db.MAP, db.ABC, COND.dat, DEVICES.dat, Dainstal.dat, LDFILTER.dat, LDRULES.dat, and XERLOAD.dat.

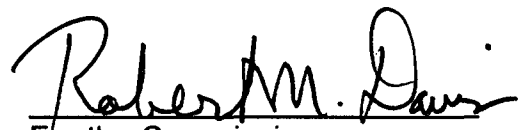
2. Has South Kentucky compared actual measured voltage and the calculated voltage to determine the accuracy of the voltage drop studies?

a. If yes, provide the voltage readings and indicate the substation, line section, and date on which each reading was taken. If the actual reading differs from the calculated voltage by more than three volts, explain the reason for the difference.

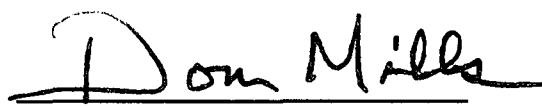
b. If no, explain why a comparison is not necessary.

Done at Frankfort, Kentucky, this 18th day of July, 1996.

PUBLIC SERVICE COMMISSION


For the Commission

ATTEST:


Executive Director